

ARTICLE V.
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III.
LIST OF TYPES OF
CRUSTACEA

IN THE COLLECTION OF THE
CARNEGIE MUSEUM

on January 1, 1931

*The student will observe that the pagination in the following article is double. The first numeral indicates the regular pagination in the volume of the ANNALS in which the list originally appeared; the second numeral in parentheses is the pagination to be employed when these lists shall ultimately be gathered together and bound in a separate volume.

INTRODUCTORY

*The very modern system, pursued by numerous recent writers, of designating an individual specimen as the "holotype" of a species and the other specimens as "paratypes" has not generally prevailed among carcinologists and conchologists. They have based their descriptions of species not upon an individual specimen, but upon a group of specimens and their publications have often referred to the material before them as a body of "cotypes." As is well known to students it has become customary to substitute the word *paratype*, or *syn-type*, for the word *cotype*, the latter word being regarded as less correct grammatically than the former. In the lists of the *Crustacea* and *Pelecypoda* herein given we conform to long established usage in regarding specimens before the author at the time of writing his description as types.

W. J. HOLLAND, Editor

V. LIST OF TYPES OF CRUSTACEA IN THE
CARNEGIE MUSEUM
ON JANUARY 1, 1931.

STANLEY T. BROOKS, PH.D.

Class **CRUSTACEA**.

Order **MYSIDACEA**.

Family **MYSIDÆ**.

- Holmesiella anomala** Ortmann, Proc. U. S. N. M., XXXIV, 1908, 6.
Part of type-lot. C. M., No. 73.12, one specimen from Stephens
Passage, south of Juneau, Alaska (Albatross Station 4251).
Paratype of genus.

Order **DECAPODA**.

Family **ÆGLEIDÆ**.

- Æglea odebrechti** Müller = **Æglea intermedia** Girard, Jena. Z. f.
Natur., X, 1876, 13.
Part of type-lot. C. M., No. 74.218, two specimens from Sierra
do Mar, Santa Catharina, Brazil. F. Müller coll.

Family **ATYIDÆ**.

- Atyella brevirostris** Calman, Proc. Zoöl. Soc. London, 1906, 201.
Part of type-lot. C. M., No. 74.848, five specimens from River
Lofu, Tanganyika, Africa. Dr. W. A. Cunningham coll.
- Caridella cunningtoni** Calman, Proc. Zoöl. Soc. London, 1906, 199.
Part of type-lot. C. M., No. 74.859, two specimens, and C. M.,
No. 74.847, two specimens from Kirando, and Utinta, Lake
Tanganyika, Africa. Dr. W. A. Cunningham coll.
- Limnocaridina latipes** Calman, Proc. Zoöl. Soc. London, 1906, 196.
Part of type-lot. C. M., No. 74.844, one specimen from River
Lofu, Tanganyika, Africa. Dr. W. A. Cunningham coll.
- Limnocaridina parvula** Calman, Proc. Zoöl. Soc. London, 1906, 193.
Part of type-lot. C. M., No. 74.841, thirteen specimens from
Karema, Lake Tanganyika, Africa. Dr. W. A. Cunningham
coll.
- Limnocaridina retarius** Calman, Proc. Zoöl. Soc. London, 1906, 192.
Part of type-lot. C. M., No. 74.840, one specimen from Mbete,
Lake Tanganyika, Africa. Dr. W. A. Cunningham coll.

- Limnocaridina similis** Calman, Proc. Zoöl. Soc. London, 1906, 195.
Part of type-lot. C. M., No. 74.843, two specimens from
Rusisi River, Lake Tanganyika, Africa. Dr. W. A. Cunning-
ton coll.
- Limnocaridina socius** Calman, Proc. Zoöl. Soc. London, 1906, 196.
Part of type-lot. C. M., No. 74.845, seven specimens from
Niamkolo Harbor, Lake Tanganyika, Africa. Dr. W. A.
Cunnington coll.
- Limnocaridina spinipes** Calman, Proc. Zoöl. Soc. London, 1906, 197.
Part of type-lot. C. M., No. 74.846, one specimen from Utinta,
Lake Tanganyika, Africa. Dr. W. A. Cunnington coll.
- Ortmannia potimirim** F. Müller, Arch. Mus. Nac., Rio de Janeiro,
VIII, 1892, 155.
Part of type-lot. C. M., No. 74.177, six specimens from Rio
Itajahy, Santa Catharina, Brazil. Dr. H. von Ihering coll.

Family PALÆMONIDÆ.

- Leander potitinga** (F. Müller) Ortmann, Zoöl. Anzeig., III, 1880, 153.
(*Descriptio nulla*); Ortmann in Rev. Mus. Paulista, II, 1897, 139.
Part of type-lot. C. M., No. 74.176, eight specimens from
Blumenau, Santa Catharina, Brazil. F. Müller coll.
- Palæmon iheringi** Ortmann, Rev. Mus. Paulista, II, 1897, 211.
Part of type-lot. C. M., No. 74.174, two specimens from Rio
Tiete, São Paulo, Brazil. Dr. H. von Ihering coll.
- Palæmon potiuna** F. Müller, Arch. Mus. Nac., Rio de Janeiro, VIII,
1892, 179.
Part of type-lot. C. M., No. 74.175, one specimen from Rio
Itajahy, Santa Catharina, Brazil. F. Müller coll.

Family PORCELLANIDÆ.

- Petrolisthes iheringi** Ortmann, Zoöl. Jahrb. Syst., X, 1897, 286.
Type. C. M., No. 74.228, one specimen from São Sebastião,
São Paulo, Brazil. Dr. H. von Ihering coll.

Family POTAMONIDÆ.

- Pseudothelphusa æquatorialis** Ortmann, Zool. Jahrb. Syst., X,
1897, 319.
Type. C. M., No. 74.119, from Eastern Cordilleras, Ecuador.

Family POTOMOBIIIDÆ.

- Cambarus atkinsoni** Ortmann, Annals Carn. Mus., VIII, 1913, 414.
Type-lot. C. M., No. 74.924, four specimens from Rio de los
Indios, Isle of Pines, Cuba. Dr. D. A. Atkinson coll.

- Cambarus bouvieri** Ortmann, Ann. Sci. Nat. Zool., Paris, IX, 1909, 159.
Part of type-lot. C. M., No. 74.864, one specimen from Uruapan, Michoacan, Mexico. L. Diguët coll.
- Cambarus digueti** Bouvier, Bull. Mus. Paris, 1897, 224.
Part of type-lot. C. M., No. 74.483, two specimens from Rio Santiago, State of Jalisco, Mexico. L. Diguët coll.
- Cambarus monongalensis** Ortmann, Annals Carn. Mus., III, 1905, 395.
Type-lot. C. M., No. 74.316, three specimens from Gordon's Valley, Edgewood Park, Allegheny County, Pennsylvania.
Dr. A. E. Ortmann coll.
- Cambarus ortmanni** Williamson, Annual Rept. Dept. Geol. and Nat. Res. Indiana, XXXI, 1906-1907, 75.
Part of type-lot. C. M., No. 74.826, two specimens from Bluffton, Wells County, Indiana. E. B. Williamson coll.
- Cambarus paradoxus** Ortmann, Proc. Wash. Acad. Sci., VIII, 1906, 3.
Type-lot. C. M., No. 74.677, five specimens from Sierra de Zacapoaxtla, Puebla, Mexico. L. Diguët coll.
- Cambarus pilosimanus** Ortmann, Proc. Wash. Acad. Sci., VIII, 1906, 6.
Type-lot. C. M., No. 74.678, two specimens from Alta Vera Paz, Guatemala. Exped. Mexique Mus. Paris coll.
- Cambarus rusticus mirus** Ortmann, Annals Carn. Mus., XX, 1931, p. 81.
Type-lot. C. M., No. 74.1378, five specimens from Hurricane Creek, Cumberland Springs, Moore County, Tennessee.
Dr. A. E. Ortmann coll.
- Cambarus williamsoni** Ortmann, Annals Carn. Mus., III, 1905, 439.
Type-lot. C. M., No. 74.560, three specimens from Los Amates, Izabal, Guatemala. E. B. Williamson coll.